

Title (en)

A muscular volume balance evaluation apparatus, a muscular volume balance valuation

Title (de)

Muskelmassenausgleichsbeurteilungsvorrichtung, Muskelmassenausgleichsbeurteilung

Title (fr)

Appareil d'évaluation de l'équilibre du volume musculaire, évaluation de l'équilibre du volume musculaire

Publication

EP 2016896 A1 20090121 (EN)

Application

EP 08157817 A 20080606

Priority

JP 2007153694 A 20070611

Abstract (en)

The muscular volume balance measuring apparatus that measures the balance of the muscular volume in a specific part is provided. At least 2 sets of current applying method, which inserts a specific part of the body and applies current to living bodies, or a voltmeter, which measures voltage, are provided. It also provides a bioelectricity impedance measuring method which measures bioelectricity impedance of a measured region from applied current and measured voltage. It also has a muscular volume calculating method which computes muscular volume from measured bioelectricity impedance. Further, balance of muscular volume of the inserted part is calculated from each set of the computed the muscular volume. In addition, there is a feature of being able to expand and contract for the longitudinal width, which is the distance which inserts a specific part, and breadth, which is the distance between current applying method or between the voltmeter.

IPC 8 full level

A61B 5/053 (2006.01)

CPC (source: EP US)

A61B 5/0537 (2013.01 - EP US)

Citation (applicant)

JP 2007007445 A 20070118 - PHYSION KK, et al

Citation (search report)

- [XY] US 2004059242 A1 20040325 - MASUO YOSHIHISA [JP], et al
- [X] US 2003216665 A1 20031120 - MASUO YOSHIHISA [JP], et al
- [Y] JP 2004351135 A 20041216 - JAPAN SCIENCE & TECH AGENCY, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2008306401 A1 20081211; EP 2016896 A1 20090121; JP 2008302106 A 20081218

DOCDB simple family (application)

US 15576708 A 20080610; EP 08157817 A 20080606; JP 2007153694 A 20070611